

nonal Application No.

PCT/EP2005/001813 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C11D3/38 C11D3/02 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C11D Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to clair No.
X	WO 96/41860 A (HENKEL KGAA) 27 December 1996 (1996–12–27) claims; examples	1,3,5-7
A	WO 03/104368 A (HENKEL KGAA) 18 December 2003 (2003-12-18) claims; examples	1-7
A	DE 43 15 397 A (HENKEL KGAA) 10 November 1994 (1994-11-10) page 6, lines 60-65	1-7
A	WO 95/20030 A (UNILEVER PLC ; UNILEVER NV (NL)) 27 July 1995 (1995-07-27) page 28; examples 4A-4D	1-7
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Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.
Special categories of cited documents: A document defining the general state of the art which is not considered to be of particular relevance E earlier document but published on or after the international filing date L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O document referring to an oral disclosure, use, exhibition or other means P document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search	"Y" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family Date of mailing of the international search report
6 May 2005	18/05/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Authorized officer Miller, B

INTERNATIONAL SEARCH REPORT

Internation Application No
PCT/EP2005/001813

C (Cambia)	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.	
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X	US 3 969 540 A (JENSEN NED L) 13 July 1976 (1976-07-13) examples 4,9	3,4	
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2005/001813

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PATENT COOPERATION TREATY

From the INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To: STERNAGEL,FLEISCHER,	Sternagel, Fleis Goderneyer & Pa	PCT		
GODEMEYER & PARTNER Braunsberger Feld 29 51429 Bergisch Gladbach ALLEMAGNE	0 2. Juni 200	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL PRELIMINAR REPORT ON PATENTABILITY		
	eingegangen/rece	ved /	(PCT Rule 71.1)	
		Date of m	mailing onth/year) 31.05.2006	
Applicant's or agent's file reference P12014WO			IMPORTANT NOTIFICATION	<u></u>
International application No. PCT/EP2005/001813	International filing date (da 22.02.2005	ay/month/ye.	Priority date (day/month/year) 02.03.2004	
Applicant DALLI-WERKE GMBH & CO. K	G			

- The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary report on patentability and its annexes, if any, established on the international application.
- 2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
- 3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

The applicant's attention is drawn to Article 33(5), which provides that the criteria of novelty, inventive step and industrial applicability described in Article 33(2) to (4) merely serve the purposes of international preliminary examination and that "any Contracting State may apply additional or different criteria for the purposes of deciding whether, in that State, the claimed inventions is patentable or not" (see also Article 27(5)). Such additional criteria may relate, for example, to exemptions from patentability, requirements for enabling disclosure, clarity and support for the claims.

Name and mailing address of the international preliminary examining authority:



European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465 Authorized Officer

Hick, N

Tel. +49 89 2399-7736



PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

P12014WO	FOR FURTHER ACTION	See Form PCT/IPEA/416							
International application No. PCT/EP2005/001813	International filing date (day/month/year) 22.02.2005	Priority date (day/month/year) 02.03.2004							
International Patent Classification (IPC) or na INV. C11D3/38 C11D3/02	lonal classification and IPC								
Applicant DALLI-WERKE GMBH & CO. KG									
 This report is the international preli- Authority under Article 35 and trans 	. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.								
	8 sheets, including this cover sheet.								
3. This report is also accompanied by	· · · · · · · · · · · · · · · · · · ·								
	the International Bureau) a total of 13 shee								
sheets of the description and/or sheets containing Administrative Instruction	n, claims and/or drawings which have been a grectifications authorized by this Authority (s ns).	amended and are the basis of this report see Rule 70.16 and Section 607 of the							
Sheets which supersede beyond the disclosure in Supplemental Box.	earlier sheets, but which this Authority con the international application as filed, as ind	siders contain an amendment that goes licated in item 4 of Box No. I and the							
sequence usung and/or lable	reau only) a total of (indicate type and numb s related thereto, in electronic form only, as g (see Section 802 of the Administrative Inst	indicated in the Cumplemental Day							
This report contains indications rela	ting to the following items:								
Box No. I Basis of the repor	t								
☐ Box No. II Priority									
☐ Box No. III Non-establishmer	at of opinion with regard to novelty, inventive	step and industrial applicability							
☐ Box No. IV Lack of unity of in		and an approaching							
applicability; citation	ent under Article 35(2) with regard to noveltons and explanations supporting such state	y, inventive step or industrial ment							
☐ Box No. VI Certain document									
	the international application								
☑ Box No. VIII Certain observation	ns on the international application								
Date of submission of the demand	Date of completion of the	is roport							
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23.11.2005	31.05.2006								
Name and mailing address of the international preliminary examining authority:	Authorized officer	artice to Polonica.							
European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656									
Fax: +49 89 2399 - 4465	Telephone No. +49 89 2	399-8540							

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/EP2005/001813

_	Box No. I Basis of the report	t .
1.	. With regard to the language, th	is report is based on
	★ The international application	in the language in which it was filed
	of a translation furnished fo	onal application into , which is the language r the purposes of: der Rules 12.3(a) and 23.1(b))
	publication of the internal	ational application (under Rule 12.4(a)) examination (under Rules 55.2(a) and/or 55.3(a))
2.	With regard to the elements* of have been furnished to the receive report as "originally filed" and ar	the international application, this report is based on (replacement sheets which iving Office in response to an invitation under Article 14 are referred to in this e not annexed to this report):
	Description, Pages	
	1-28	as originally filed
	29-36	received on 15.04.2005 with letter of 13.04.2005
	Claims, Numbers	
	1-9	received on 23.11.2005 with letter of 22.11.2005
	Drawings, Sheets	
	1/3	as originally filed
	2/3, 3/3	received on 15.04.2005 with letter of 13.04.2005
	☐ a sequence listing and/or an	y related table(s) - see Supplemental Box Relating to Sequence Listing
3.	☐ The amendments have result the description, pages the claims, Nos. ☐ the drawings, sheets/figs the sequence listing (speed any table(s) related to se	ecify):
4.	☐ This report has been establiched not been made, since they he Supplemental Box (Rule 70.2(c)) ☐ the description, pages ☐ the claims, Nos. 3,9 ☐ the drawings, sheets/figs ☐ the sequence listing (speed any table(s) related to se	cify):
	* If item 4 applies, so	me or all of these sheets may be marked "superseded."

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial Box No. V applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)

Yes: Claims

6.8

No: Claims 1-2,4-5,7

Inventive step (IS)

Yes: Claims

Claims No:

8 1-7

Industrial applicability (IA)

Yes: Claims

1-8

No: Claims

2. Citations and explanations (Rule 70.7):

see separate sheet

Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

see separate sheet